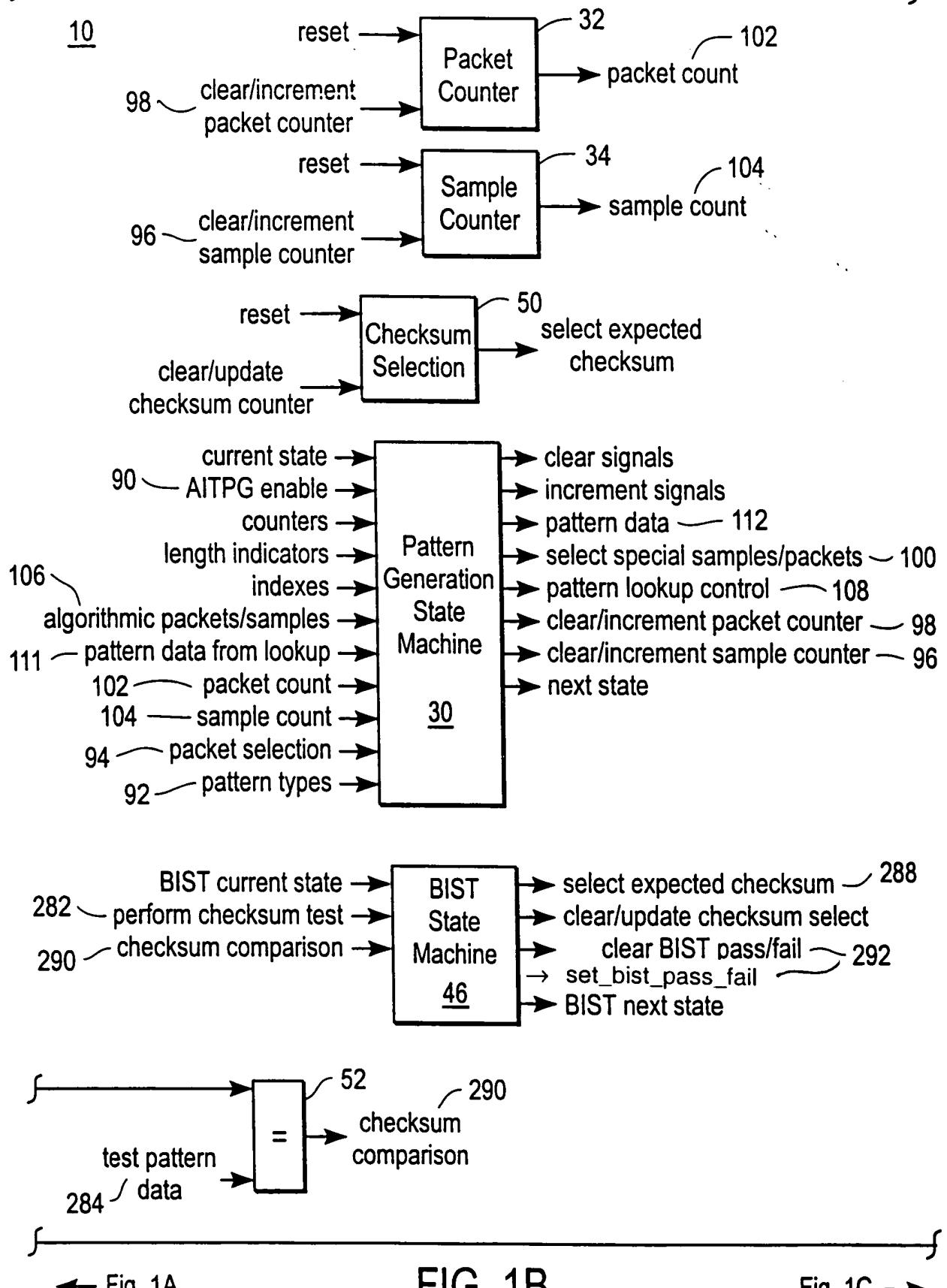


FIG. 1A

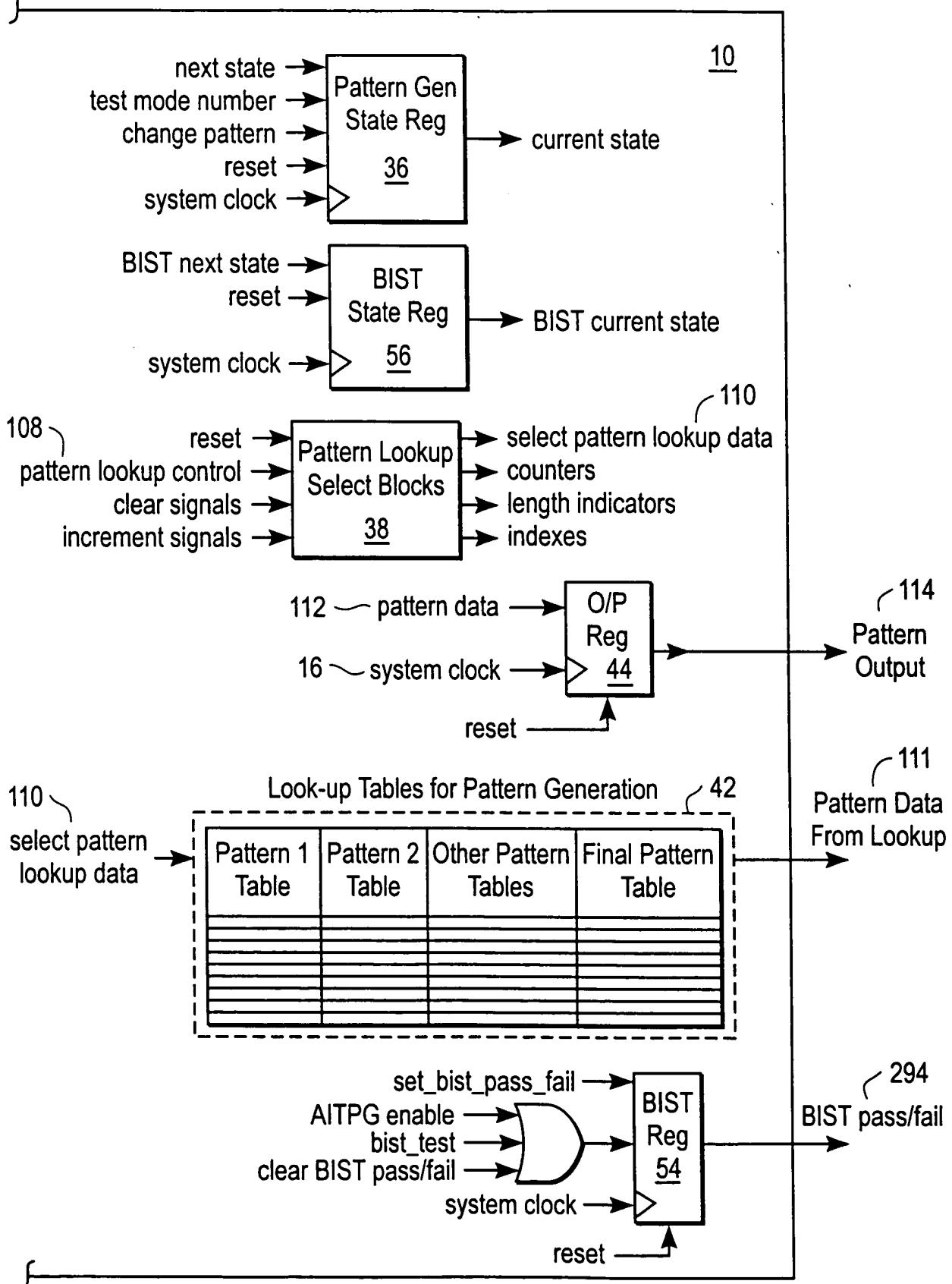
Fig. 1B →



← Fig. 1A

FIG. 1B

Fig. 1C →



← Fig. 1B

FIG. 1C

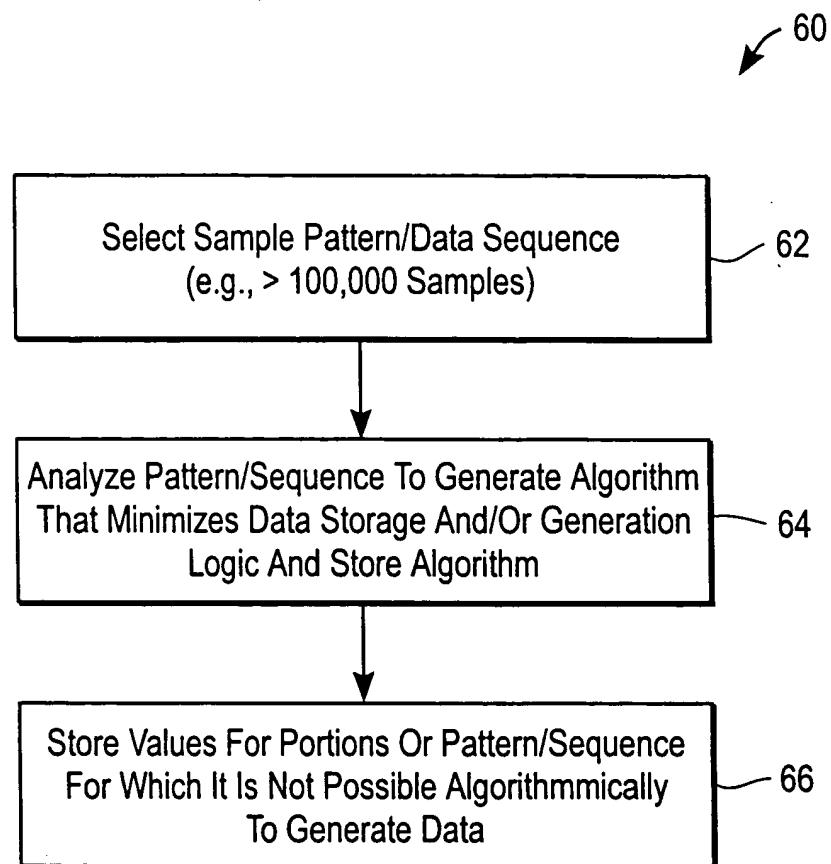


FIG. 2

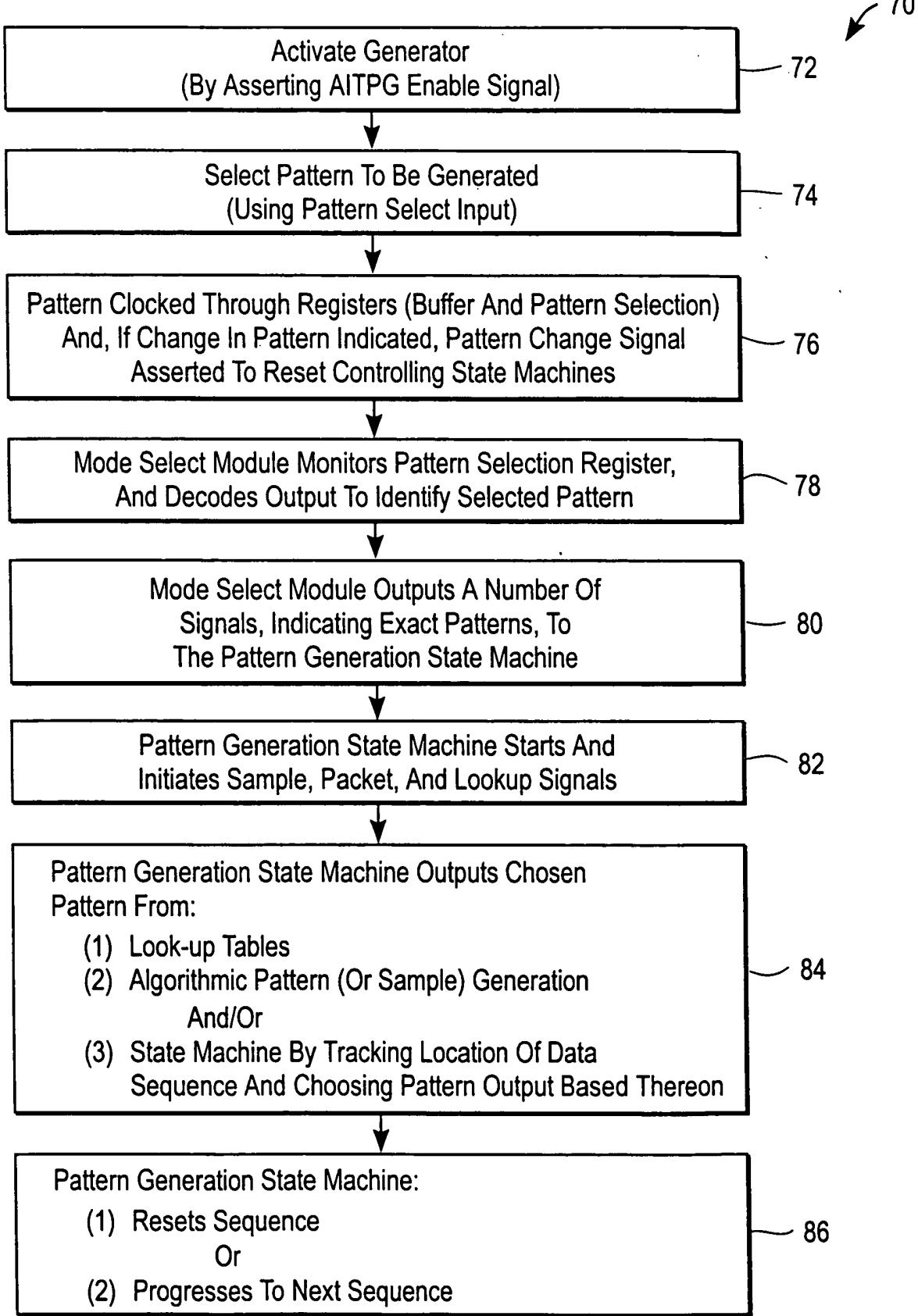


FIG. 3

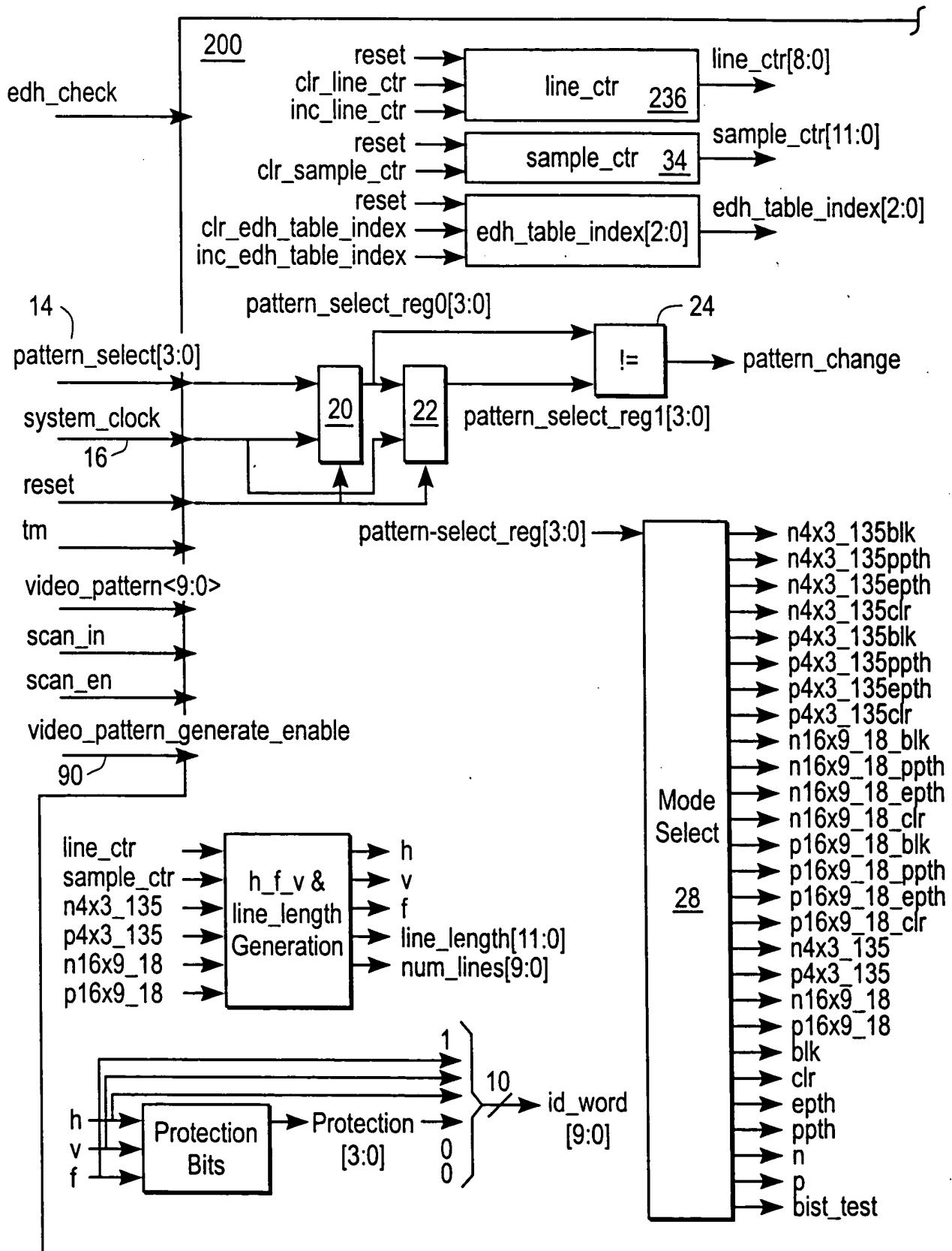
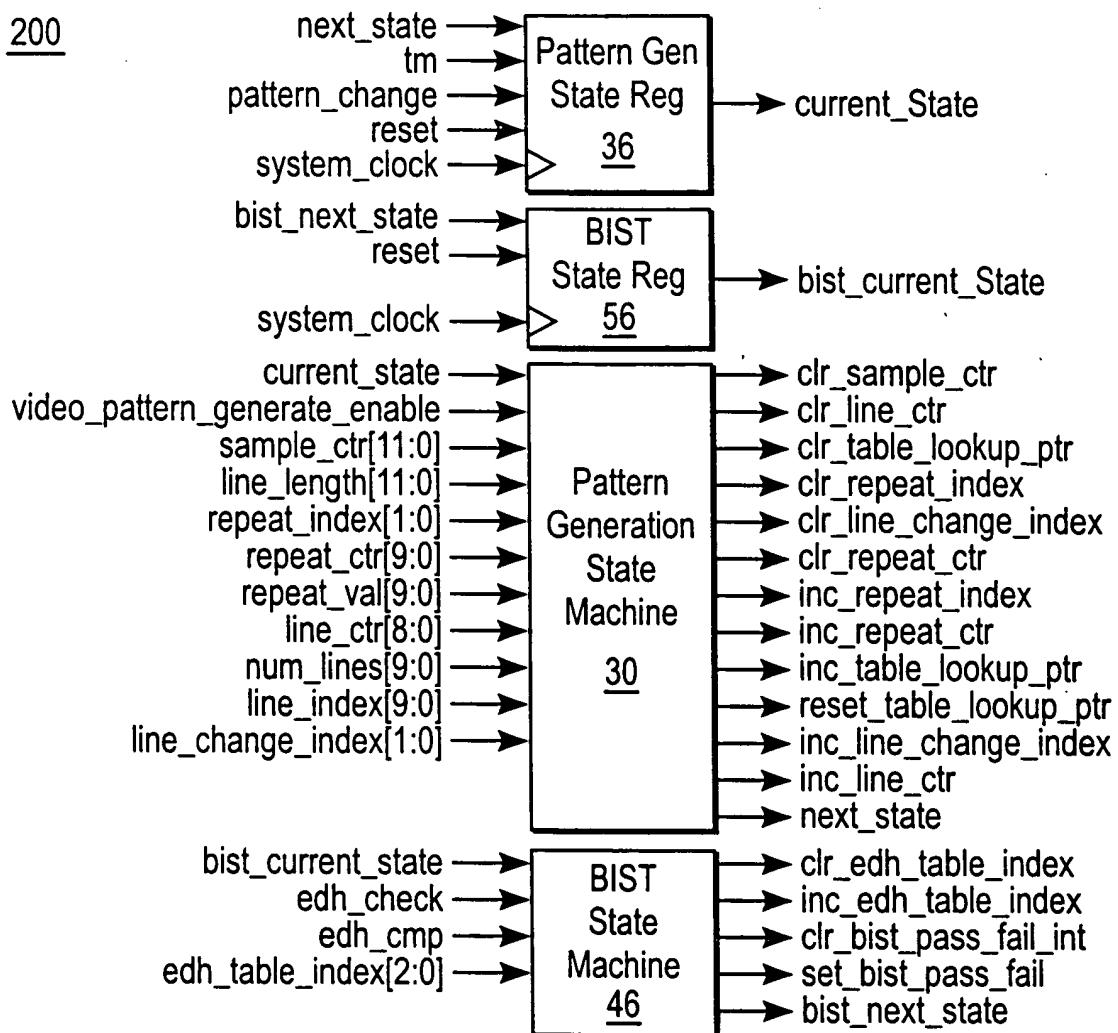


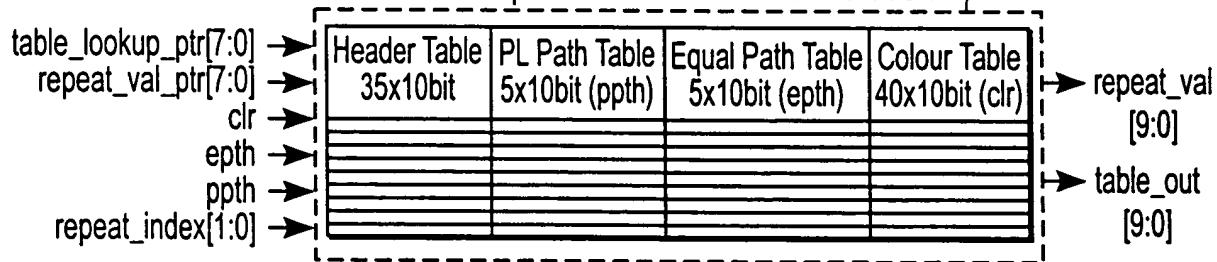
FIG. 4A

Fig. 4B →

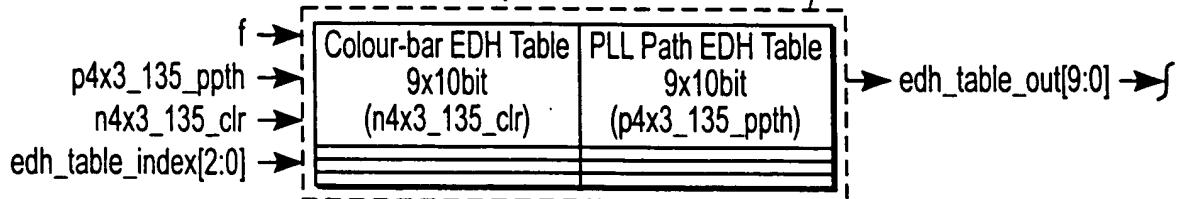
200



Look-up Tables for Pattern Generation 42



Look-up Tables for BIST 48



← Fig. 4A

FIG. 4B

Fig. 4C →

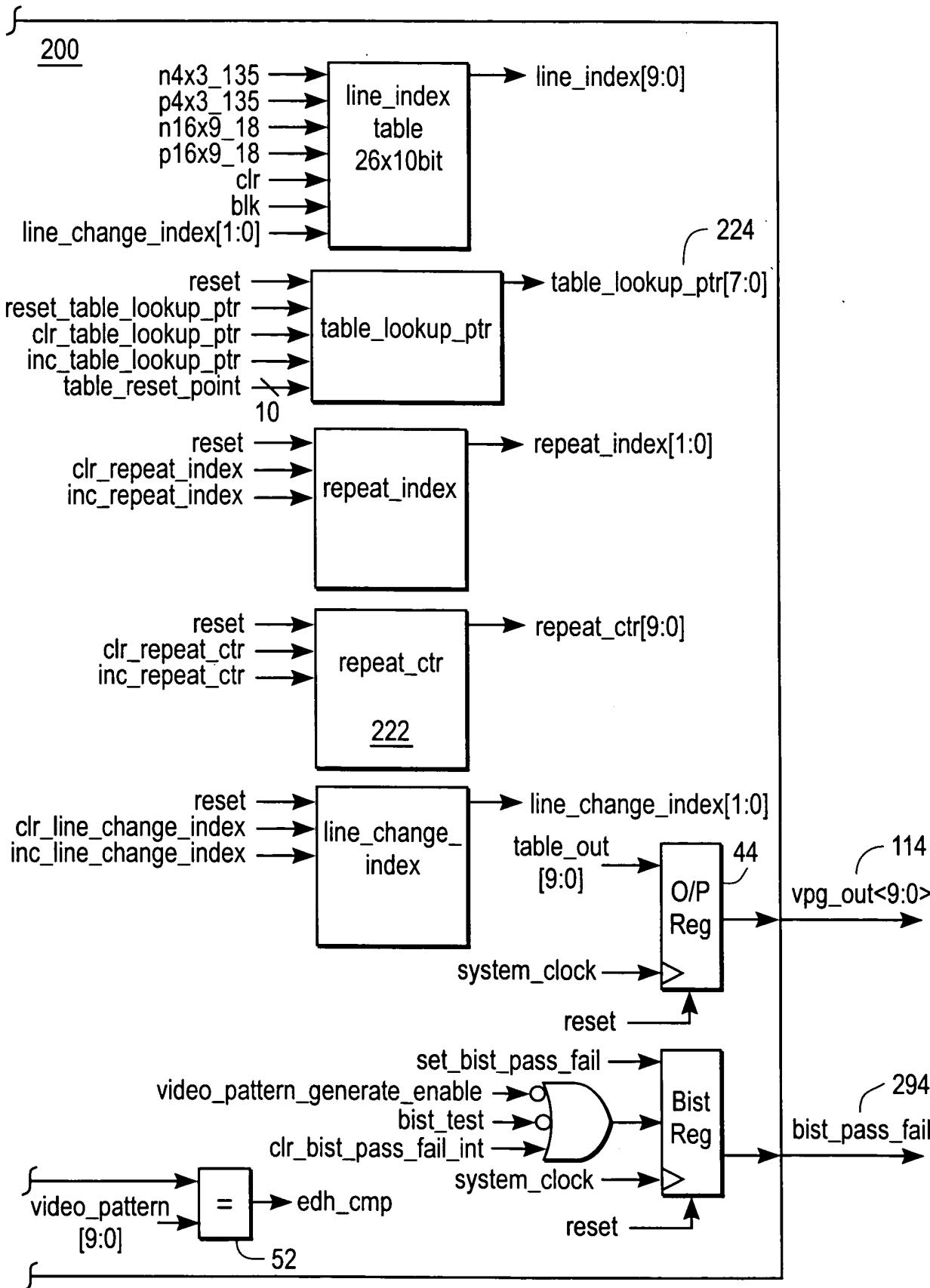


FIG. 4C

line\_index\_table ↗ 234

→ n4x3\_135

clr
19
262
281
525
20
263
282
525

→ p4x3\_135

clr
19
312
331
625
22
310
335
623

→ n16x19\_18

19
262
281
525

19
312
331
625

Header Table ↗ 230

0	0x3ff
1	0x0
2	0x0
3	0x(id_word)
4	1
5	0x200
6	0x40
7	0x200
8	0x40
9	---
10	0x3ff
11	0x0
12	0x0
13	0x(id_word)
14	1
15	0x200
16	0x40
17	0x200
18	0x40
19	---
20	0x3ff
21	0x0
22	0x0
23	0x(id_word)
24	1
25	0x200
26	0x40
27	0x200
28	0x40
29	---
30	0x3ff
31	0x0
32	0x0
33	0x(id_word)
34	1

↗ 220

n4x3_135	→ 67
p4x3_135	→ 70
p16x9_18	→ 94
n16x9_18	→ 90

n4x3_135	→ 360
p4x3_135	→ 360
p16x9_18	→ 480
n16x9_18	→ 480

n4x3_135	→ 67
p4x3_135	→ 70
p16x9_18	→ 94
n16x9_18	→ 90

FIG. 5A

Fig. 5B →

Colour Table ~ 232

220

35	0x200	n4x3_135 → 43
36	0x3ac	p4x3_135 → 43
37	0x200	p16x9_18 → 58
38	0x3ac	n16x9_18 → 58
39	---	
40	0x0ac	n4x3_135 → 45
41	0x284	p4x3_135 → 45
42	0x234	p16x9_18 → 60
43	0x284	n16x9_18 → 60
44	---	
45	0x270	n4x3_135 → 45
46	0x20c	p4x3_135 → 45
47	0x0ac	p16x9_18 → 60
48	0x20c	n16x9_18 → 60
49	---	
50	0x120	n4x3_135 → 45
51	0x1c0	p4x3_135 → 45
52	0x0e4	p16x9_18 → 60
53	0x1c0	n16x9_18 → 60
54	---	
55	0x2dc	n4x3_135 → 45
56	0x14c	p4x3_135 → 45
57	0x318	p16x9_18 → 60
58	0x14c	n16x9_18 → 60
59	---	
60	0x18c	n4x3_135 → 45
61	0x104	p4x3_135 → 45
62	0x350	p16x9_18 → 60
63	0x104	n16x9_18 → 60
64	---	
65	0x350	n4x3_135 → 45
66	0x088	p4x3_135 → 45
67	0x1c8	p16x9_18 → 60
68	0x088	n16x9_18 → 60
69	---	
70	0x200	n4x3_135 → 45
71	0x040	p4x3_135 → 45
72	0x200	p16x9_18 → 60
73	0x040	n16x9_18 → 60
74	---	

← Fig. 5A

FIG. 5B

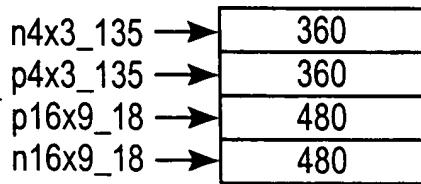
Fig. 5C →

220

PLL Pathological

Table

35	0x200
36	0x110
37	0x200
38	0x110
39	---



Equaliser Pathological

Table

35	0x300
36	0x198
37	0x300
38	---
39	---

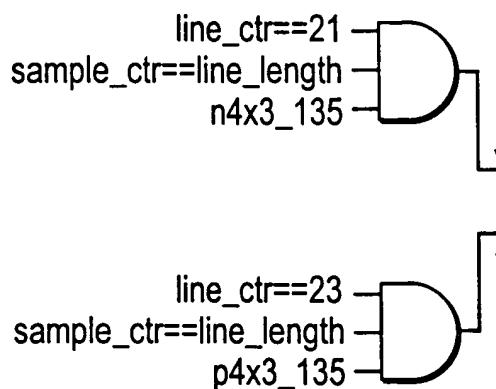
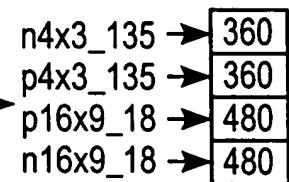


FIG. 5C

← Fig. 5B



240

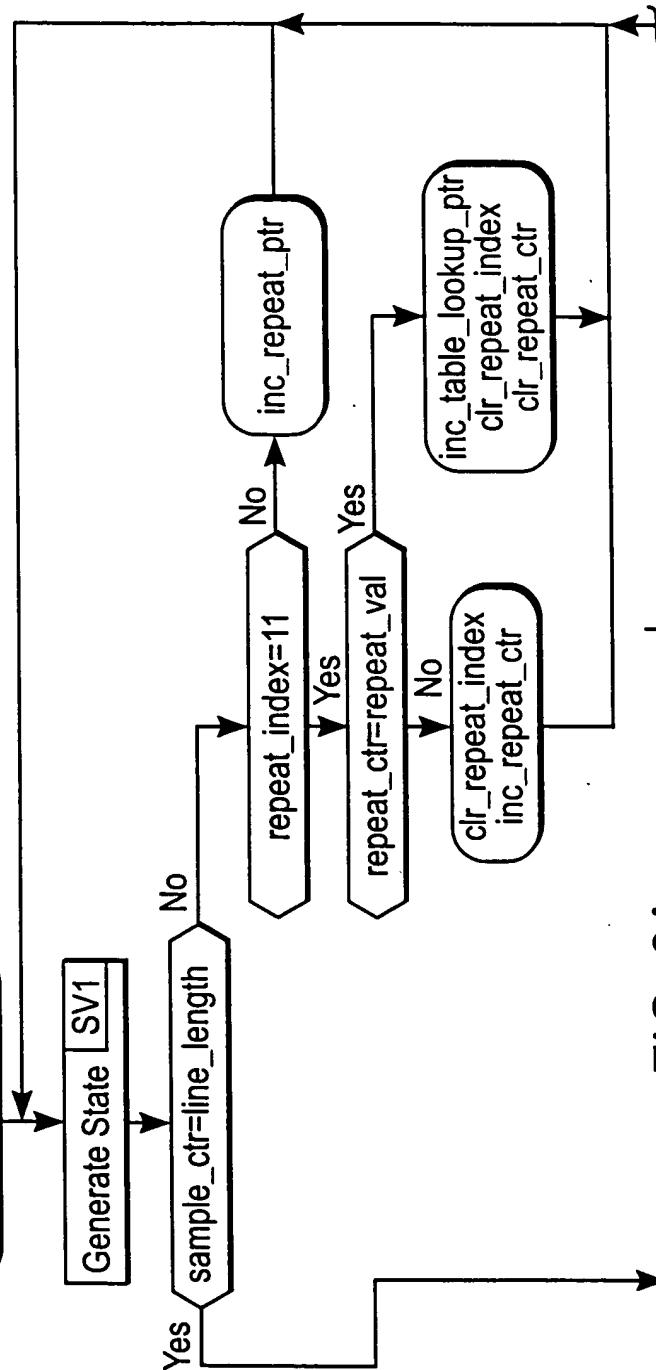


FIG. 6A

Fig. 6B

FIG. 6B

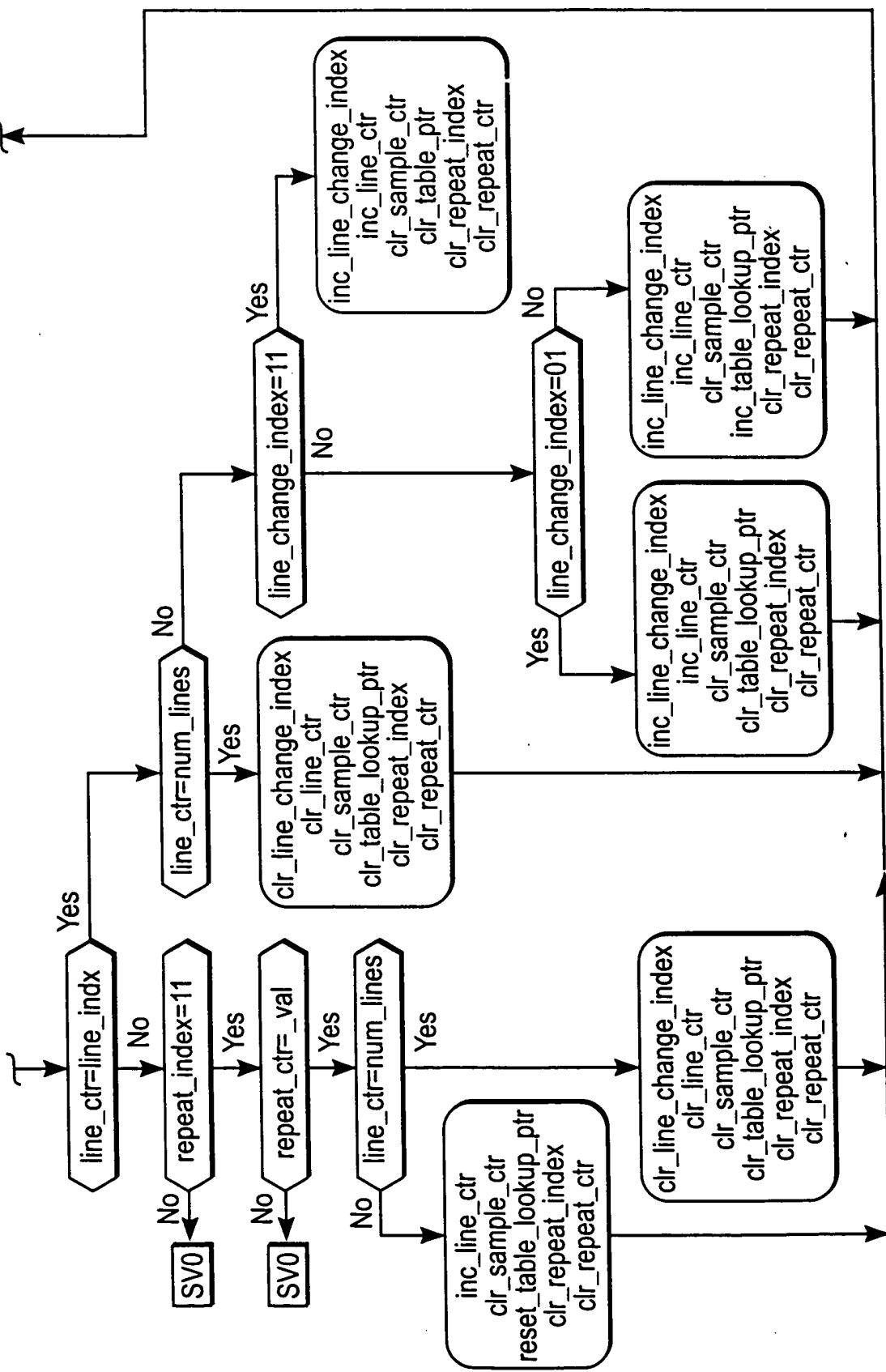


Fig. 6A ↗ 240

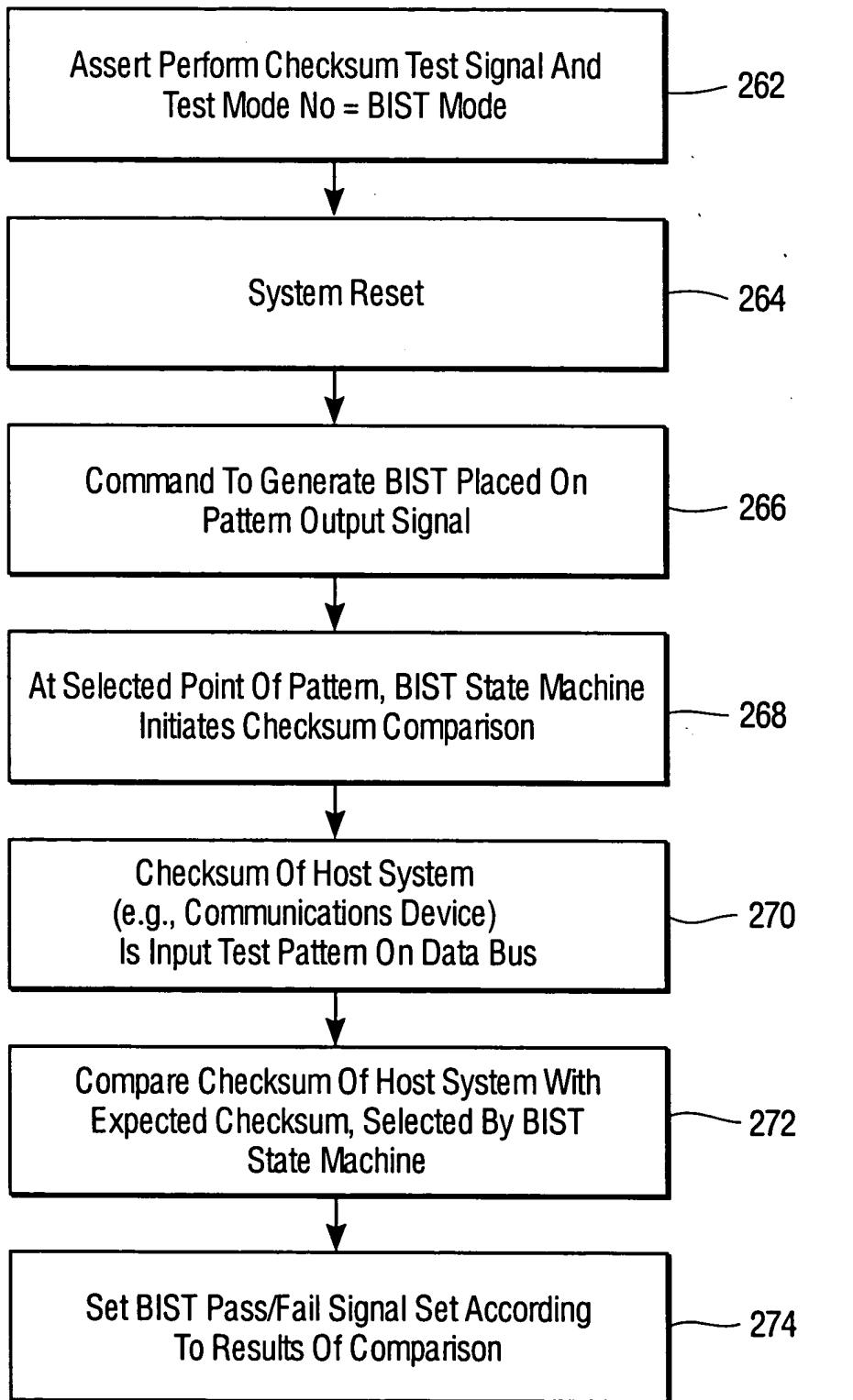
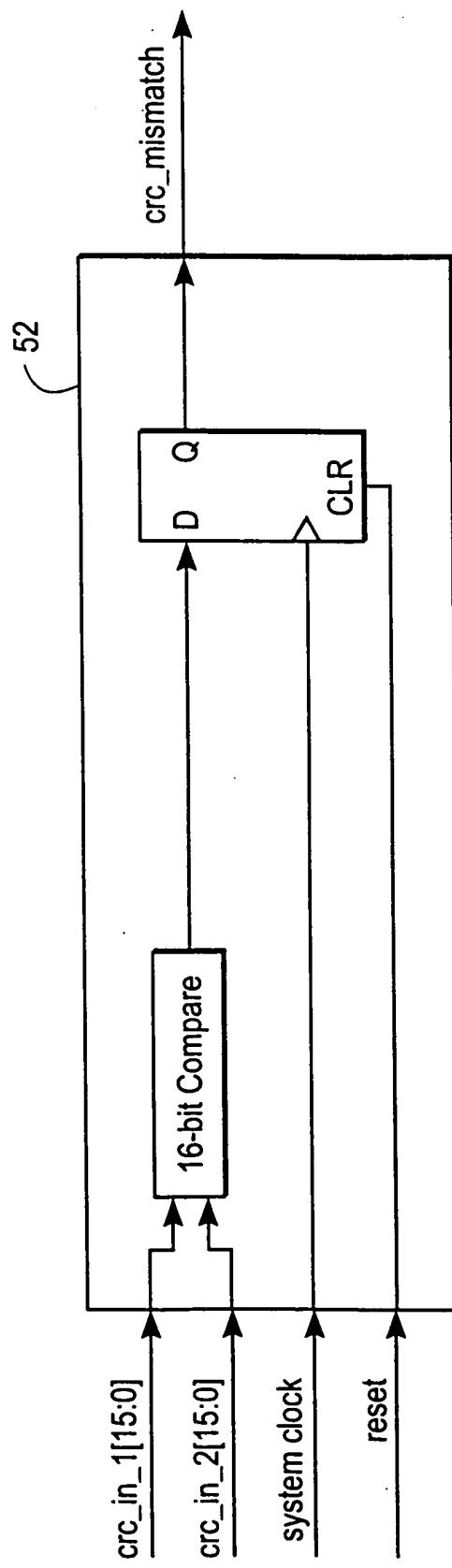


FIG. 7

FIG. 8



300

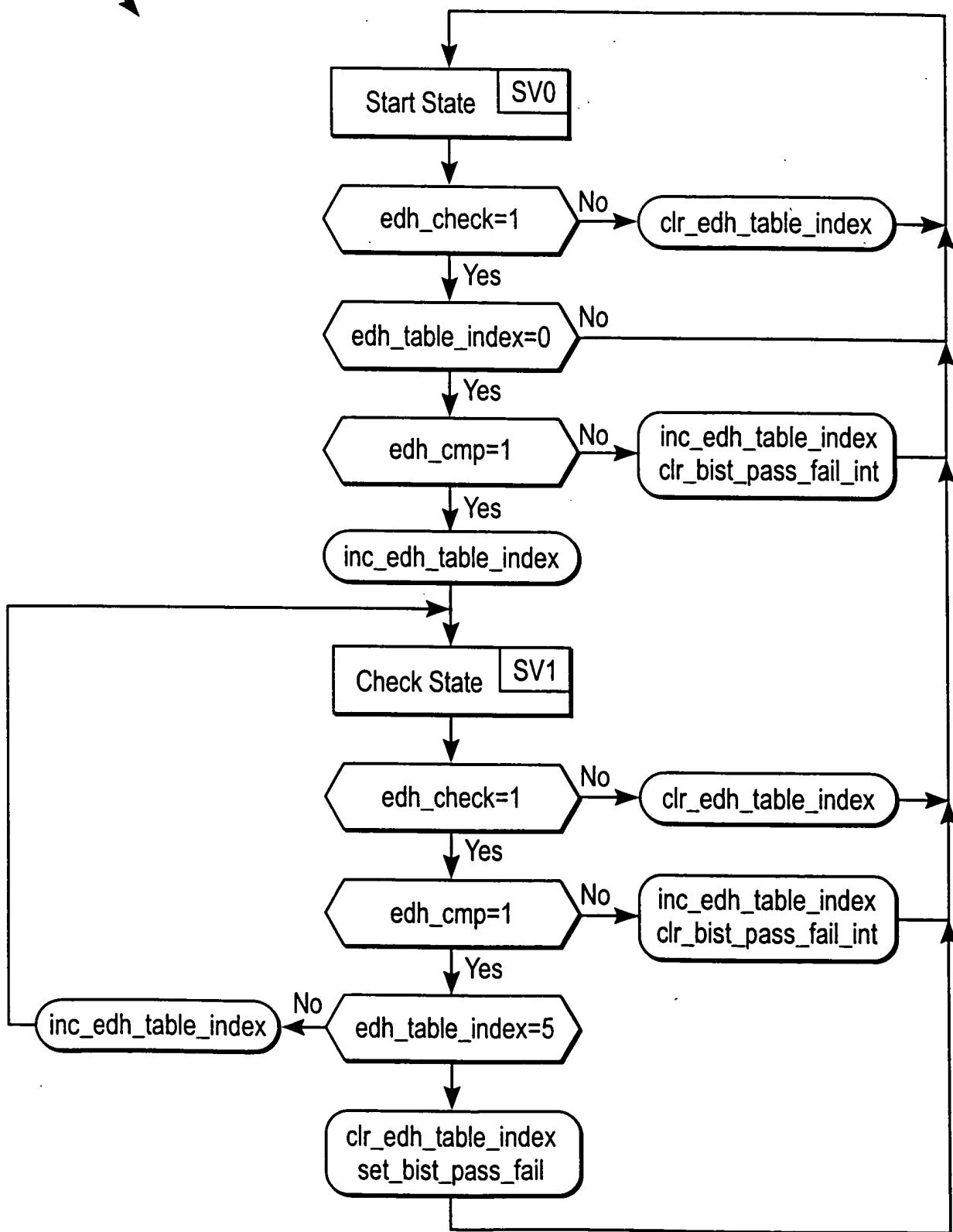
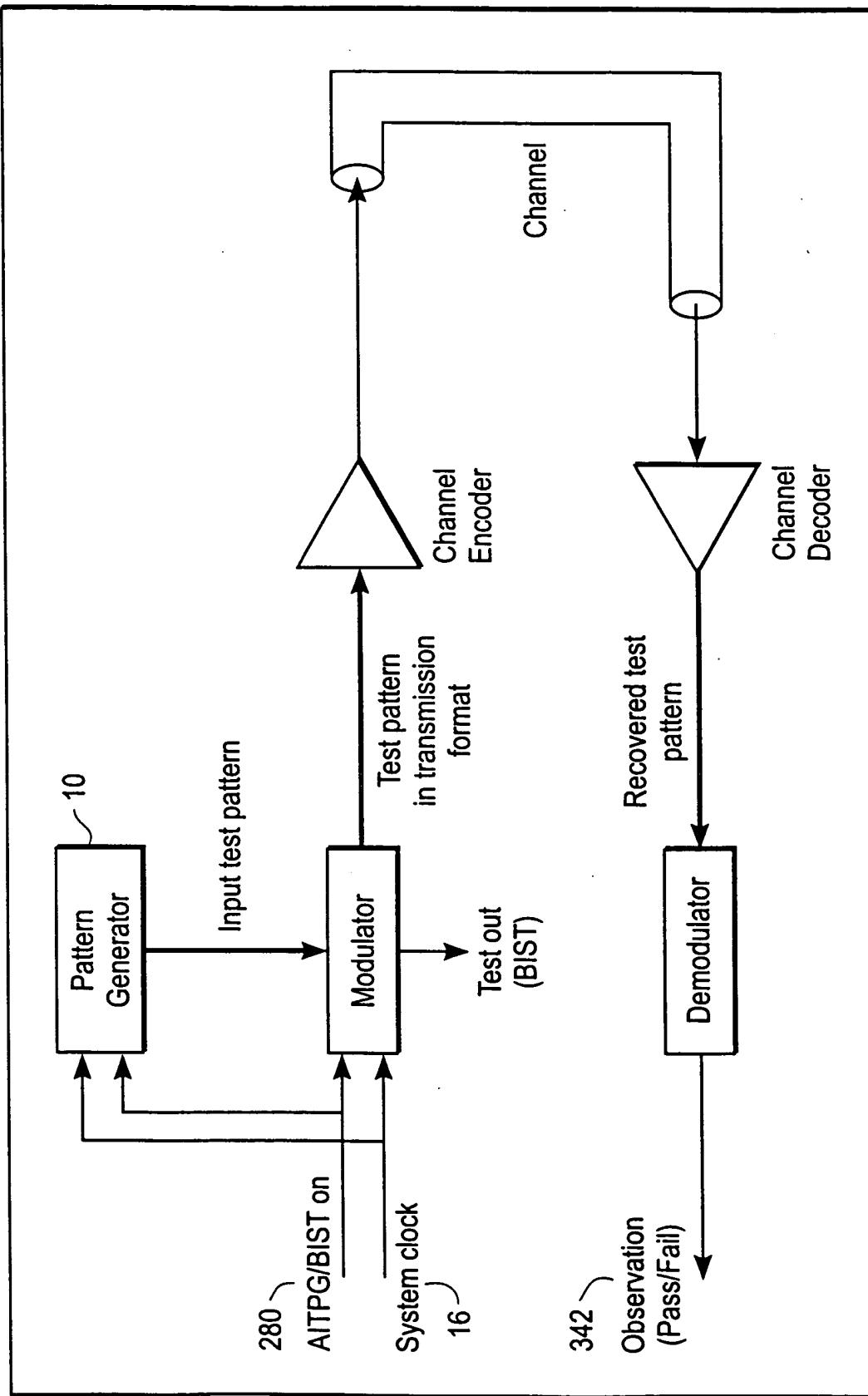


FIG. 9

FIG. 10



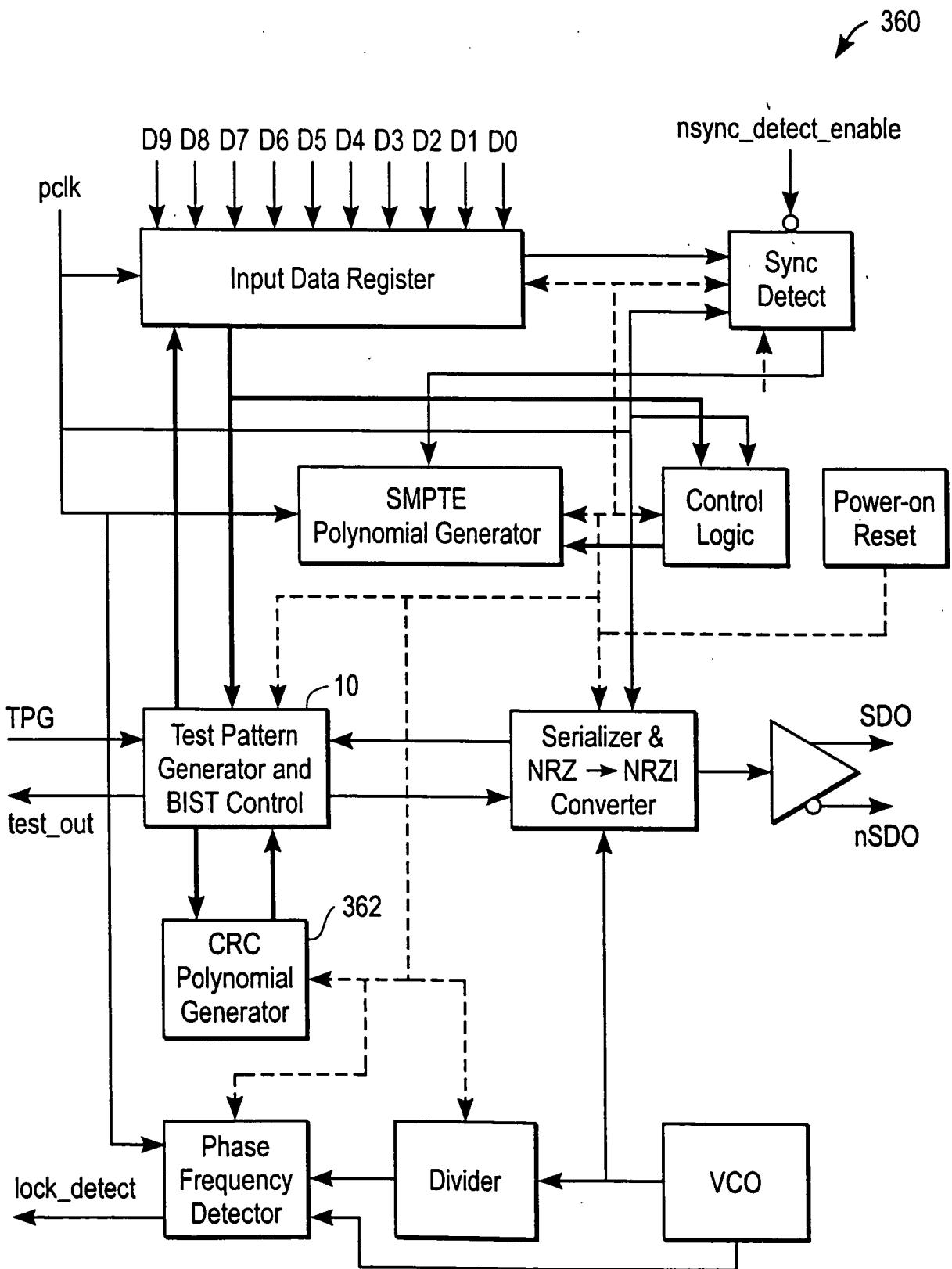


FIG. 11